

METHOD OF TESTING A SENSOR ARRAY INCORPORATED INTO A VEHICLE SEAT

ABSTRACT OF THE DISCLOSURE

The present invention provides a method of testing a sensor array that is incorporated into a vehicle seat. The method includes the steps of placing a seat pan and cushion assembly having a seat trim cover and a sensor array into a seat build fixture and electrically connecting the sensor array to an electrical testing device capable of determining the actuation of the sensors in the sensor array. The method further includes the steps of determining if the sensors are at a predetermined unloaded output value, activating the seat build fixture to apply compression force to the seat pan and cushion assembly, and determining if the sensors have changed output values where the change corresponds to a predetermined amount. The method also includes the steps of mounting the seat trim cover to the bottom of the seat pan in a predetermined manner to form a completed lower seat assembly and de-activating the seat build fixture to release compression force from the completed lower seat assembly.